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(54) FOAMY AEROSOL PREPARATION

(57)Abstract:

PURPOSE: To provide a highly safe foamy aerosol preparation exhibiting an excellent drug activity, producing a fine foam when sprayed and not having any irritation against the mucous membrane of nose cavity by compounding an acidic non-steroid antiphlogistic analgesic compound as an active ingredient, an absorption accelerating agent, etc., and further a propellant.

CONSTITUTION: 0.2-5wt.% of an acidic non-steroid antiphlogistic analgesic compound such as ibuprofen, indomethacin or ketoprofen as an active ingredient, 1-20wt.% of an absorption-accelerating agent such as crotamiton or peppermint oil, 0.3-10wt.% of a surfactant such as polyoxyethylene (20) polyoxypropylene (8), 0.01-5wt.% of a pH-adjusting agent such as diisopropanolamine and 10-50.wt% of purified water are charged to a pressure container. The container is equipped with a valve, hermetically sealed and subsequently press-filled with 10-50wt.% of a propellant such as liquid petroleum gas to provide the objective foamy aerosol preparation. The preparation has the good percutaneous absorbability of the active ingredient, an excellent drug effect, no tackiness, a rapidly foam-breaking property and a good touch and

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useful in an orthopedic surgery region.

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